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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT**

I. HEADING**DATE:** April 24, 2002**SUBJECT:** POLREP for the Eagle Picher Residential Site, East St. Louis, St. Clair County, Illinois**FROM:** Kevin Turner, Mike Harris, Thomas Cook U.S. EPA OSC, Region 5, ERB, Chicago, IL.

TO: C. Stanton, U.S. EPA, OSWER, Washington D.C. (stanton.colby@epa.gov)
R. Karl, U.S. EPA, ERB Chief, Chicago, IL (karl.richard@epa.gov)
B. Bolen, U.S. EPA, Chief Section 2, Chicago, IL (bolen.bill@epa.gov)
L. Nachowicz, U.S. EPA Chief Section 3, Chicago, IL (nachowicz.linda@epa.gov)
B. Messenger, U.S. EPA Chief EES, Chicago, IL (messenger.william@epa.gov)
V. Mullins, U.S. EPA Enforcement Specialist, Chicago, IL (mullins.valerie@epa.gov)
D. De Blasio, U.S. EPA, Public Affairs, Chicago, IL (deblasio.don@epa.gov)
M. Hans, U.S. EPA, Public Affairs, Chicago, IL (hans.mick@epa.gov)
D. Novak, U.S. EPA, RPM, Chicago, IL (novak.dion@epa.gov)
T. Martin, U.S. EPA, ORC, Chicago, IL (martin.thomas@epa.gov)
N. Emeric, U.S. EPA, Gateway Team Leader, Chicago, IL (emerich.noemi@epa.gov)
O. Warnsley, U.S. EPA, Chicago, IL (warnsley.oliver@epa.gov)
B. Everetts, Illinois EPA, Springfield, IL (bruce.everetts@epa.state.il.us)
T. Miller, Illinois EPA, Collinsville, IL (tom.miller@epa.state.il.us)

POLREP #: POLREP #5 - Fund Lead Removal**II. BACKGROUND**

Response Authority:	CERCLA (# ILN000508196)	State Notification:	08/31/2001
NPL Status:	Non-NPL	Start Date:	02/11/ 2002
Latitude:	38°38'09"N	Completion Date:	NA
Longitude:	90°08'56"W	Action Memorandum Status:	08/31/ 2001

III. SITE INFORMATION**A. Incident Category**

Residential Soil Removal

B. Site Description

1. Site location

See Initial POLREP

2. Description of threat

See Initial POLREP

C. Preliminary Assessment/Site Inspection Results

See Initial POLREP

IV. SITE INFORMATION

A. Situation

1. Response activities to date

Work proceeded with the following:

- Excavation and backfilling residential areas were completed along Rear Bowman and Bowman Avenue. Excavated and backfilled a portion of a ballpark. Excavation and backfill activities began on Exchange, 2nd Street, and Rear Winstanley Avenue. After backfilling the properties were graded and grass seed is planted. START continued gathering access agreements at residential areas and screening their yards with X-ray fluorescent (XRF);
- Although the lead levels often exceed the site specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the site assessment was well below the regulatory level of 5 mg/L. Therefore, excavated soils hauled from the site are considered low level lead contaminated soil;
- The areas to be excavated are screened with an XRF and those areas above the site specific residential cleanup levels were marked for excavation;
- After residential home owners sign an access agreement, an XRF is used to screen the areas for EPA's site specific lead residential action level of 400 mg/kg;
- Before excavation begins at a residence, the property and home is video documented to protect against any possible future damage claims;

2. Removal activities to date:

- Access agreements have been signed. Access agreements are a continuing effort as we move throughout the City;
- A total of 3,039 tons of low level lead contaminated soil was hauled from the residential properties;
- A total of 3,210 tons of clean backfill has been placed back into the residential properties;

3. Enforcement:

Enforcement/Cost recovery actions are pending.

B. Planned Removal Activities

- Transport low level lead contaminated soil for off-site disposal.

C. Next Steps

- Secure access, excavate residential properties, and backfill excavated areas with clean fill.

D. Key Issues

- Securing access from residential home owners.
- Adverse weather conditions have delayed site activities.

V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$173,287	\$226,210	23.4%
START	\$13,150	\$15,765	16.6%
EPA	\$10,700	\$22,410	52.3%
TOTAL	\$ 197,137	\$264,385	25.4%

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. DISPOSITION OF WASTES

Wastestream	Medium	Quantity	Transportation	Treatment	Disposal
Lead	Soil	3,039 Tons	Truck	NA	Landfill
Abandon Tires	Tires	75	Truck	NA	Illinois Tire Program